

Fall 2006

Back Matter

Follow this and additional works at: <https://commons.erau.edu/jaaer>

Scholarly Commons Citation

(2006). Back Matter. *Journal of Aviation/Aerospace Education & Research*, 16(1). Retrieved from <https://commons.erau.edu/jaaer/vol16/iss1/2>

This Front Matter/Back Matter is brought to you for free and open access by the Journals at Scholarly Commons. It has been accepted for inclusion in Journal of Aviation/Aerospace Education & Research by an authorized administrator of Scholarly Commons. For more information, please contact commons@erau.edu.

BACK ISSUES

Volume 1 Number 1 - Spring 1990: *Is the Legal Pilot Really Safe?; Optimized Engine-Out Procedures to Extend the Range of Jet Transport Airplanes; Pass it Along; Approaches to Learning: Relationships with Pilot Performance; The Impact of Deregulation on Airports: An International Perspective.*

Volume 1 Number 2 - Fall 1990: *Teaching Aviation Law at the Undergraduate Level: A Syllabus; Pilots' Evaluation of the Usefulness of LOFT Type IFR Simulator Flights for General Aviation Pilot Training; Emerging as a Major Carrier: A Case Study of America West Airlines; Introduction to Critical Issues in Aviation and Aerospace Education; Do Elementary Teachers have Time for Aviation/Aerospace Education?; Aviation/Space Education as a National Influence in Education; Facing Issues in Aerospace Education; Developing a Formal Program to Improve Pilot Judgement; Partnerships for Publishing: A New Look at Joint Writing Projects.*

Volume 1 Number 3 - Spring 1991: *A Study of Wing Flap Management, an Analysis of the Consequences of Flap Mismanagement, and a Search for Possible Causes; Cockpit Resource Management Training: Are Current Instructional Methods Likely to be Successful?; Divisibility, Technology, and the Competitive Potential for Regional Airlines.*

Volume 2 Number 1 - Fall 1991: *The Aviation Education Teacher Resource Center: A Unique Strategy to Improve Math and Science Education; Compliance and Enforcement: Aviation Safety in the Public Interest, Part I: Statutory Authority and Enforcement Procedures; Competition for Hub Dominance: Some Implication to Airline Profitability and Enplanement Share; Aviation Education Luncheon Sponsored by General Aviation Manufacturers Association (GAMA): A Clearinghouse Need for Aviation Education; Aviation Education: Universities and Schools--Networking, Professional Accreditation of Non-Engineering Aviation Program; The Journal of Aviation/Aerospace Education and Research: A Why, What and How Story; The FAA and Aviation Education.*

Volume 2 Number 2 - Winter 1992: *Editorial: Institutional Effectiveness: A New Hurdle for Collegiate Aviation; Compliance and Enforcement: Aviation Safety in the Public Interest, Part II: Current Enforcement Program; A Method for Identifying General Aviation Airports That are Candidates for Runway Extensions: A Planning Model for State Aviation Systems; A Quantitative Methodology for Measuring Airline Quality; Airline Unions Since Deregulation: The Views of Selected Airline Union.*

Volume 2 Number 3 - Spring 1992: *Editorial: Why Does it Take so Darn Long to Get Published?; Aviation Safety as a Function of Pilot Experience: Rationale or Rationalization?; Flying Time; An Assessment of the Impacts of Congestion Delay at Major Hubs to Airlines and Passengers; Compliance and Enforcement: Aviation Safety in the Public Sector, Part III: An Alternative Enforcement Program; Producing a Workshop for Training Airline Instructors.*

Volume 3 Number 1 - Fall 1992: *Editorial: Air Transportation Challenges of the 1990s, Part I; Are the Visual Acuity Requirements for Pilots in the Airline Industry Justifiable?; Learning Takes Flight: Award-winning Educators use Aviation to Spark Student Achievement; A Comparison Between Airline Cost Structure Pre- and Post-Deregulation; A Turning Point in Aviation Training: The AQP Mandates Crew Resource Management and Line Operational Simulations; FORUM: Goodbye to the Lecture: Embracing Interactive Learning Techniques.*

Volume 3 Number 2 - Winter 1993: *Editorial: Air Transportation Challenges of the 1990s, Part II; Cooperative Education Supported Collegiate Aviation Programs; Airline Employee Slowdowns and Sickouts as Unlawful Self Help: A Statistical Analysis; Transfer of Learning Effectiveness: PC-Based Flight Simulation.*

Volume 3 Number 3 - Spring 1993: *Editorial: Air Transportation Challenges of the 90s, Part III; Forum: The Tilted Playing Field; The Demand for Aviation Activities at General Aviation Airports: An Empirical Study; Glass Cockpit; Availability of Proficient Entry-Level Airline Pilots: A Factor in Four of Six Hiring Criteria Tested; Personality and Hazardous Judgment Patterns within a Student Civil Aviation Population.*

BACK ISSUES, cont.

Volume 3 Number 4 - Summer 1993: Editorial: *A New Partnership is Formed*; Aerospace Education vs Aviation and Space Education; Aviation Education - Why?; Determinants of Underrepresentation of Women in Aviation Education; Aviation & Aerospace Education: A Positive Impact on the 21st Century; What Evidence Exists to Verify that Learning Through Aviation Works?; Is Aerospace Education Outdated?; Learning Takes Flight: Award-winning Educators Use Aviation to Spark Student Achievement; Pass it Along.

Volume 4 Number 1 - Fall 1993: Editorial: *What Would Henri Fayol Have Said About the U.S. Airline Industry and Its Problems?*; Forum: Cross-Cultural Underpinnings of the Taiping Rebellion: Potential Modern Applications; Piston Airplane Cruise Performance; A Cost Analysis: Re-Engining a Boeing 727-200 (Advanced) Versus Buying a New Boeing 757-200; The Airline Quality Rating: Developing an Industry Standard.

Volume 4 Number 2 - Winter 1994: Editorial: *Too Little Too Late*; Forum: Darwin Would be Justifiably Proud; Graduate Education in Airport Administration: Preparing Airport Managers for the 21st Century; Testing for the Existence of the Pilot Personality Profile in Collegiate Professional Pilot Candidates; Postsecondary Aviation Programs in the United States: 1950 and 1985; A Model for Developing an Airport Security Plan.

Volume 4 Number 3 - Spring 1994: Editorial: *Airway Science: A Promise Kept or an Opportunity Missed?*; Forum: Learning Takes Flight '93: Award-Winning Educators Use Aviation to Spark Student Achievement; Aeronautical Decision-Making and University Aviation Association Certified Flight Instructors; A Comparative Analysis of Airline Pilots' Approaches to Learning; Flight Anxiety: Predictors and Implications for Learning; Professional Pilot Studies: Proposed Content.

Volume 5 Number 1 - Fall 1994: Forum: Success in Aviation Education: A National Survey of Secondary Aviation Magnet Programs; Leisure Travel Market Potential for a High Speed Civil Transport; Analysis and Results of National Study on Women in Collegiate Aviation; Training Pilots or Educating Captains? A Framework for Collegiate Ab Initio Programs; An Evaluation of Cockpit Resource Management Training in Qantas.

Volume 5 Number 2 - Winter 1995: Editorial: *What Should be Included in a Complete Aviation Education?*; Forum: Educational Opportunities in Aviation Education; The European Joint Aviation Authorities: Meeting the Challenges of International Cooperation; The Effect of the Course "Women in Aviation" on College Student Attitudes Regarding Women in the Career Field of Aviation; Ethics in Aviation Education; Cockpit Resource Management Training: Are Current Instructional Methods Likely to be Successful?

Volume 5 Number 3 - Spring 1995: Editorial: *The Academic Tenure-Review Process: An Asset or Liability to Collegiate Aviation?*; Human Circadian Rhythms and the Shift Work Practices of Air Traffic Controllers; Analysis of the Case Writing Method for College Teaching; Reflective Judgment and Assertive Behavior in Crew Resource Management: A Theoretical Approach; Aviation Safety as a Function of Pilot Experience: Rationale or Rationalization?

Volume 6 Number 1 - Fall 1995: Forum: Battle 2000: The New Jet Entrants Versus the Regional Partners?; Study of Demand for Light, Primary Training Aircraft in Collegiate Aviation; The Bootstrap Approach to Predicting Airplane Flight Performance; Should Colleges and Universities Develop Special Alcohol Education and Rehabilitation Programs for Flight Students?

Volume 6 Number 2 - Winter 1996: Editorial: *The Corporate Aviation Management Committee (CAMC): A New Academic Partnership for Aviation*; Forum: A Perspective on the Role of African-Americans in Aviation; Forum: Transfer of Wood/Fabric Structures Concepts to Composite Structures Processes; Forum: The Blue Box: Solo; The Edwards Personal Preference Schedule as a Predictor of Success in a Collegiate Professional Pilot Training Program; A Framework for Assessing the Role of Aircraft Technology in Enhancing System Capacity.

Volume 6 Number 3 - Spring 1996: Editorial: Faculty Professional Development Imperatives in Collegiate Aviation Education; Determination of Curriculum Content for a Non-Engineering Doctoral Degree in Aviation.

BACK ISSUES, cont.

Volume 7 Number 1 - Fall 1996: *Toward an International Model of Crew Resource Management: The Cultural Implications; Educational Course and Curriculum Needs for Corporate Aviation Managers; A Review of History, Structure, and Competition in the U.S. Airline Industry.*

Volume 7 Number 2 - Winter 1997: *Forum: Aviation Science? Collegiate Aviation? Aeronautics? Aerospace Science? Introducing Aeronology in Resolving Identity Issues; Forum: Education Tailor-Made for the Times; Forum: Anson Burlingame: Diplomat, Orator, Aviation English: An Introduction.*

Volume 7 Number 3 - Spring 1997: *Aviation Industry Employment Data Estimates Revisited; Effects of PC-Based Pretraining on Pilots' Performance in an Approved Flight-Training Device; Medical Problems in Commercial Flight: Shortage of Airport Medical Facilities.*

Volume 8 Number 1 - Fall 1997: *Forum: The Development of the Flying Wing; Forum: Professionalism and the Corporate Culture of Aviation Education; Forum: Beyond 2000: The Undiscovered Frontier of a Career as an Aviation Professor; Student and Instructor Perceptions of Effective Instructional Methods in a University Aviation Human Factors Course; Teaching Landings by the Numbers: Quantifying the Visual Approach and Landing; Beyond the Classroom with System Safety.*

Volume 8 Number 2 -Winter 1998: *Forum: Would An ACES Academy Benefit Your University?; Forum: Inclusion of Modern Composites Technology Into a Federal Aviation Administration Airframe and Powerplant Curriculum; Forum: Denver International Airport: Lessons Learned ; A Pioneering University-Airline Flight Internship Program; Establishing A Total Safety Culture; The General Aviation Revitalization Act of 1994: An Overview of Tort Reform.*

Volume 8 Number 3 -Spring 1999: *Forum: The Aircraft Engine: An Historical Perspective of Engine Development Through World War I; Forum: The Political Motivation of Airline Deregulation; Recruiting on the Outside: Action-Oriented Research Solutions to External Student Recruitment in Collegiate Aviation Education; The Airline Maintenance Mechanic Educational Infrastructure: Supply, Demand, and Evolving Industry Structure; CRM: A Literature Review.*

Volume 9 Number 1 -Fall 1999: *Forum: Tech "Knowledge" y Anxiety; Forum: Night VFR: An Oxymoron?; Forum: The Benefits of Experience in the Classroom; Interpersonal Skills in Aviation: Applications and Development; Is Free Flight A Reality or Myth?; A Model of "Applied Ethics" in Aviation Safety: The Aviation Reporting System.*

Volume 9 Number 2 -Winter 2000: *Forum: High Speed Civil Transportation; Forum: Aviation Students in Industry: Strategies That Enhance Learning; Forum: Air Traffic Control CTI Program; Pilot Education: The Beginnings; A Comparison of the Effectiveness of PC-Based Aviation Training Devices and Conventional Flight Training Devices for Instrument Flight Training; Collegiate Aviation Maintenance Programs: Focus on Quality or Safety?*

Volume 9 Number 3 -Spring 2000: *Forum: Death of Eastern: How One Man Destroyed an Airline; Forum: Suspected Unapproved Parts in the Aviation Industry: Consideration of System Safety; With Thor Across the Heavens; Developing Future Aviation Leaders: Advice From Today's Leaders!; The Scope and Status of the Fixed Base Operator/General Aviation Service Industry in Illinois; Integrated Airline Organizational Frameworks and Crew Resource Management Effectiveness.*

Volume 10 Number 1 -Fall 2000: *Forum: Fasten Your Seatbelts; Forum: Gender Differences in an Aviation Physiology Environment; Voice Recognition in Fighter Aircraft; Towards the Zero Accident Goal: Assisting the First Officer Monitor and Challenge Captain Errors; The Development of a Job Performance Aid Design Model For Use in Aviation.*

Volume 10 Number 2 -Winter 2001: *Forum: Group Learning in Technical Courses ; Forum: The Benefits of Professional and Youth Art in an Airport Community; Identifying the Probability of an Accident Occurring with Suspected Unapproved Parts as a Contributing Factor; Weathering Effects On Selected Aircraft Covering Processes; The Evolution of Fractional Ownership: A Literature Review.*

Volume 10 Number 3 -Spring 2001: *Forum: The PCATD's Role in the Cognitive Processes of Flight Training ; Controlled Flight Into Terrain; Case Study of a Fourth Generation MRM Program at a Corporate Aviation Operator ; Aviation, Herbert Hoover and His "American Plan".*

BACK ISSUES, cont.

Volume 11 Number 1 -Fall 2001: Forum: *Yield Management*; Forum: *Professional Ethics in Engineering: The Challenger and Corporate Culture*; *Accreditation of Collegiate Aviation's Distance Education Programs: Now and in the Future*; *A Comparison of the Learning Styles of Aviation and Non-Aviation College Students*; *Arriving at Consensus: Airport/Aviation Administration Advice Provided to Airport Managers by State Aeronautic Agencies.*

Volume 11 Number 2 -Winter 2002: Forum: *Incorporating Green Design Into Teaching Aircraft Preliminary Design*; Forum: *An Investigation of Different Modeling Techniques For Autonomous Robot Navigation*; *Turbulence and Its Impact on Commercial Aviation*; *General Aviation Landing Flare Instructions*; *Collegiate Flight Training Programs: In Search of Cognitive Growth.*

Volume 11 Number 3 -Spring 2002: Forum: *A Fanciful Look at Air Carrier Operations In The Year 2050*; Forum: *Data Acquisition in Aviation Maintenance Training*; Forum: *A Quantitative Model of the Amplification of Power Through Order and Implications for Defense Against Hijackings*; *The Case Method: An Enhancement to Curriculum in Aviation Management Coursework*; *Using Applied Behavior Analysis to Complement Error Management in Crew Resource Management Education.*

Volume 12 Number 1 -Fall 2002: *The Editor's Forum* ; Forum: *Andragogical Methods For Teaching Advanced Cockpit Flying Skills to Professional Pilots*; Forum: *The Demise of Collegiate Aviation Programs With the Best of Intentions*; *Stress Coping Strategies for Commercial Flight Crewmembers*; *Military Versus Civilian Air Cargo Training for Hazardous Materials*; *The Orteig Prize*

Volume 12 Number 2 -Winter 2003: *The Editor's Forum* ; Forum: *Improving Airline Cabin Safety*; Forum: *The Role of Educational Institutions for Airport Security*; *21st Century Aerospace and the Power of Human Communication Skills*; *Aviation Opportunities in Ecotourism* ; *A Case for Changing the National Airspace System from a Magnetic North to a Geographic North Model.*

Volume 12 Number 3 - Spring 2003: *The Editor's Forum* ; Forum: *How Safe is "Safe Enough?"* ; Forum: *A Dialogue on the Demise of Collegiate Aviation*; Forum: *Alternate Paradigms for Structuring Collegiate Flight Programs*; *An investigation into Factors Influencing Men and Women in Becoming Professional Pilots*; *Collegiate Aviation and FAA Air Traffic Control Partnerships: A Review of Literature*; *A Evaluation of the Perceived Effectiveness of Personal Computer Aviation Training Devices for Instrument Flight Training.*

Volume 13 Number 1 -Fall 2003: *The Editor's Forum* ; Forum: *Desirable Faculty Qualifications as Assessed by Students in the Aeronautical Science Program at Embry-Riddle Aeronautical University* ; Forum: *A Safer Sky: An Examination of Factors Affecting Flight Students in Taiwan*; *Assessing the Evolution of the Airborne Generation of Thermal Lift in Aerostats 1783 to 1883*; *VFR Flight into IMC: Reducing the Hazard*; *The Effects of an Induced Negative Mood State on Student Pilot Learning.*

Volume 13 Number 2 -Winter 2004: *The Editor's Forum* ; Forum: *Human Factors Issues of the Aircraft Checklist*; Forum: *Aeromedical Issues in Diabetic Aviators*; *Libelle Self-Contained Anti-G Ensemble: Overcoming Negative Transfer*; *Training Levels and Methodologies for New Technology Aircraft in Collegiate Aviation*; *AGATE Outcomes Analysis: Laying the Foundation for SATS.*

Volume 13 Number 3 -Spring 2004: *The Editor's Forum* ; Forum: *Existing and Potential In-Flight Entertainment Transmission Systems- Strengths and Weaknesses*; *Adaption and Innovation in Flight Training- The Benefits of Cognitive Diversity*; *Wanted- Quality in Airline Safety: Quality Methods and Tools are Needed to Manage New Directions*; *In-Flight Icing and How Airlines are Coping*; *The Most Valuable Aspects of an Airline Flight Operations Internship: The Perceptions of Former Interns.*

Volume 14 Number 1 -Fall 2004: *The Editor's Forum* ; Forum: *An Overview of the Demise of NASA's High Speed Research Program*; Forum: *Collision Avoidance in Traffic Patterns- Time, Flying Tasks and Visual Scanning*; *Publishing Aviation Research: A Literature Review of Scholarly Journals*; *A Comparative Study of Collegiate Aviation Students and Business Students Related to Myers-Briggs Type Indicator Preferences*; *Error and Threat Detection: A comprehensive Review and Evaluation of Current Literature.*

Volume 14 Number 2 -Winter 2005: *The Editor's Forum* ; Forum: *Application of Low Speed Wind Tunnels on Teaching Basic Aerodynamics*; Forum: *Airline Fuel Hedging: An Overview of Solutions Available to Airlines*; *An Approach to Determine the Need for Expanding Small Airports: A Case Study*; *Low-Level Windshear and its Impact on Airlines*; *A Step Toward Early PC-Based Training That Reduces Risk: The Effects of Practicing An "Instrument Referenced" Skill Pattern on "Visually Referenced" Performance of Beginning Flight Students.*

Volume 14 Number 3 -Spring 2005: *The Editor's Forum* ; Forum: *Farewell Comrade*; Forum: *Yield Management in the Airline Industry*; *The Effects of Air Traffic Control Privatization on Operating Cost and Flight Safety*; *Assessing the Effects of September 11 Events on Flight Training*; *Invasive Iguanas as Airstrike Hazards at Luis Munoz Marin International Airport, San Juan, Puerto Rico.*

Volume 15 Number 1 -Fall 2005: *The Editor's Forum* ; Forum: *The Respectability of Collegiate Aviation As an Academic Discipline: Have We Arrived Yet?*; Forum: *In Search of Collegiate Flight "Education"*; *An Assessment of Intensive/Weekend Teaching Format of Aviation Education*; *Perceived Importance of Visual Cues to the Timing of the Landing Flare*; *Lightning Strikes on Commercial Aircraft: How the Airlines are Coping.*

Volume 15 Number 2 -Winter 2006: *The Editor's Forum* ; Forum: *Using Informal Student Feedback to Enhance Learning*; *The Application of Scenario-Based Recurrent Training to Teach Single Pilot Resource Management (SRM) Under the FAA Industry Standards (FITS) Program*; *Impact of Glass Cockpit Experience on Manual Flight Skills*; *Stuck in the Middle Revisited: The Case of the Airline Industry.*

Volume 15 Number 3 -Spring 2006: *The Editor's Forum* ; Forum: *Recruitment and Promotion Challenges for Aviation Faculty in U.S. Universities*; Forum: *Professors as Architects of Student Learning*; Forum: *Transitioning to Glass Cockpit Primary Training Fleets: Implications*; *Influencing Factors in Degree Selection for Aviation Majors at Indiana State University*; *ATC Best Practices: An Opportunity for Computer-Based Scoring*; *Perceptions of an Aviation Flight Practicum: A Follow-Up Study of Graduates of an Aviation Flight Practicum Course.*

BACK ISSUE ORDER FORM

Please send a copy of each issue I have checked above at \$15 per copy per issue. I enclose \$_____ in U.S. dollars. [Please give full mailing address. Name-Address-City-State-ZIP (and Country if not the USA)]

Mail to:

SUBSCRIPTION FORM

The Journal of Aviation/Aerospace Education and Research (JAAER) is a refereed journal publishing scholarly articles of interest to aviation/aerospace educators and professionals. We publish three issues each year, Fall, Winter and Spring, and our rates are modest: professionals, \$35, and organizations/institutions/libraries, \$60. Subscribers with foreign mailing addresses add \$5 to each category.

Please complete the form below and mail it, together with your remittance, to:

JAAER
Embry-Riddle Aeronautical University
Aviation Building, Room 113
600 South Clyde Morris Blvd.
Daytona Beach, FL 32114-3900

Last Name _____ First/MI _____
Position/Title _____
Organization _____ Bus. Tel. _____
Mailing Address: _____

Subscription Type:

Professional \$35/yr _____ Libraries/Institutions/Organizations \$60/yr _____ Foreign mail address, add \$5/yr _____

All monies to be paid in U. S. funds.

Our Federal ID Number is 59-0936101.

Job Classification (circle those selections which best describe you/your organization):

1 Air Traffic Controller
2 General Aviation Pilot
3 Military Pilot
4 Air Carrier Pilot
5 Flight Instructor
6 Aviation Company

7 Airline Management
8 Airport Management
9 Engineer
10 Mechanic/Maintenance
11 UAA Member
12 Consultant

13 Educator
14 Flight Department
15 Manufacturer
16 Simulation
17 Military Official
18 Student

19 Government
20 Interest Group
21 Publication
22 Librarian
23 Univ./coll. department

24 Other (please specify):

